

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
 Data File : BF098674.D
 Acq On : 20 Sep 2017 21:48
 Operator : SJ/JU
 Sample : I5291-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONE

Quant Time: Sep 21 12:11:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

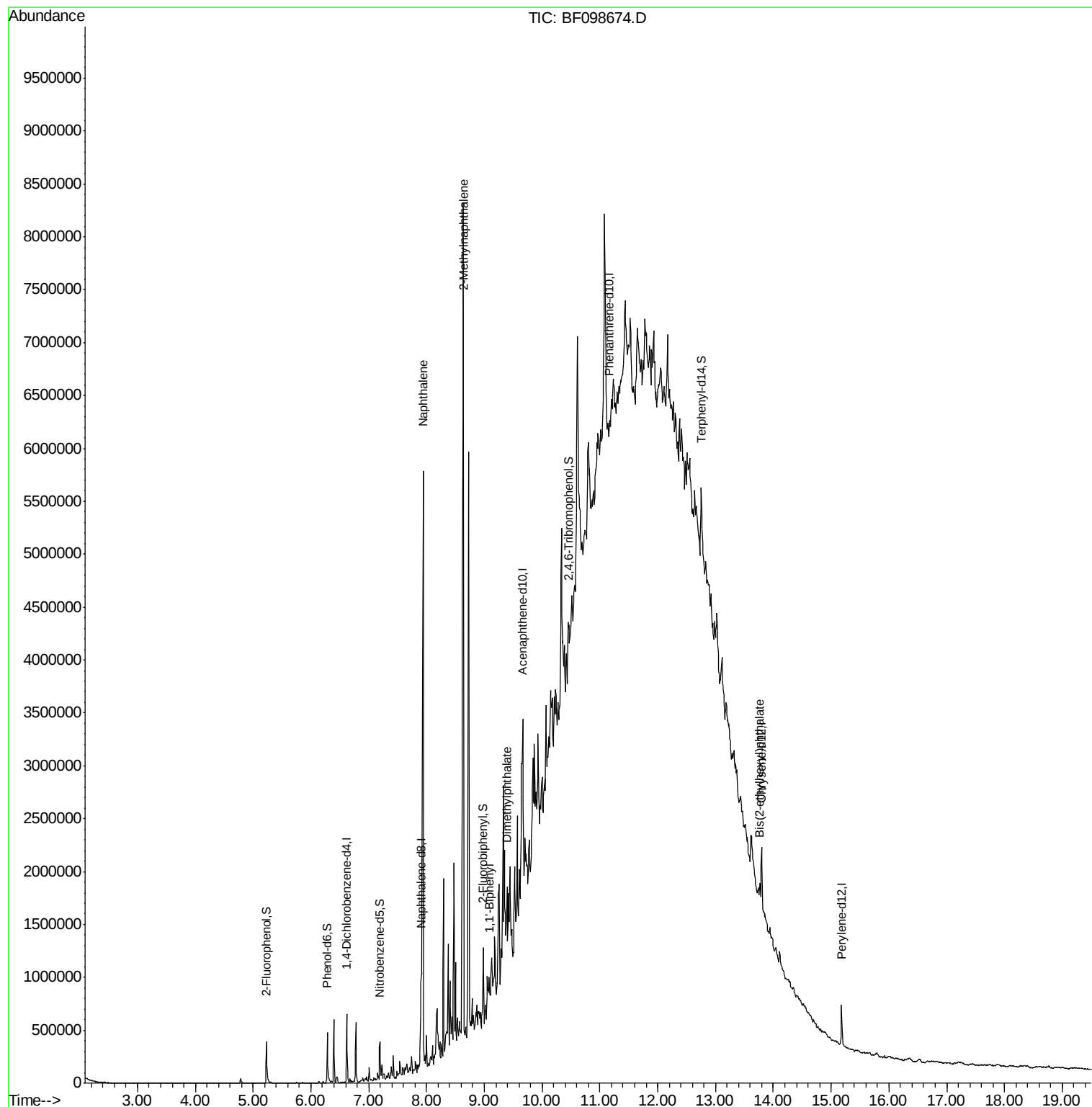
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	91789	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	379019	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	116700	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	140169	20.00	ng	0.02
75) Chrysene-d12	13.80	240	171202	20.00	ng	0.01
86) Perylene-d12	15.18	264	153626	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	140180	22.58	ng	-0.01
7) Phenol-d6	6.28	99	179902	22.82	ng	-0.01
23) Nitrobenzene-d5	7.19	82	115722	17.02	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	20747	26.64	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	191690	27.84	ng	-0.02
78) Terphenyl-d14	12.76	244	119047	15.01	ng	0.02
Target Compounds						
31) Naphthalene	7.94	128	3012517	160.779	ng	99
37) 2-Methylnaphthalene	8.64	142	3129635	275.747	ng	97
45) 1,1'-Biphenyl	9.09	154	91032	8.715	ng	99
49) Dimethylphthalate	9.39	163	34970	3.871	ng	# 85
83) Bis(2-ethylhexyl)phthalate	13.77	149	39416	5.360	ng	# 93

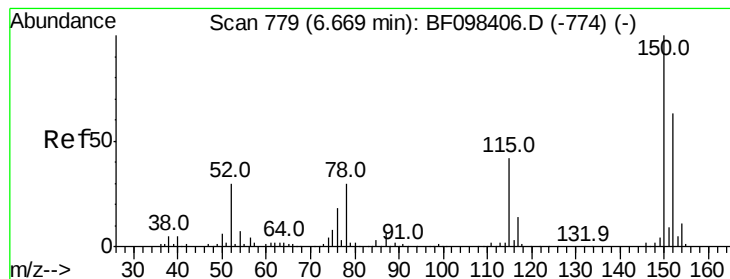
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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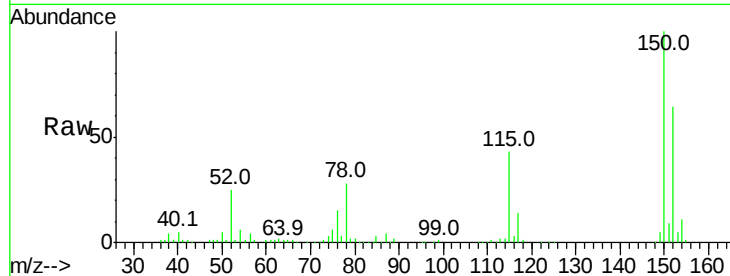


#1

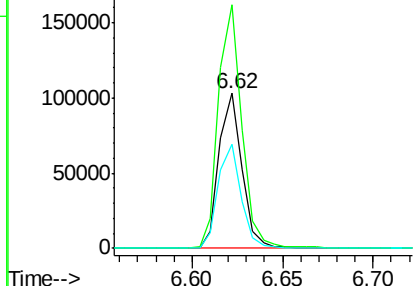
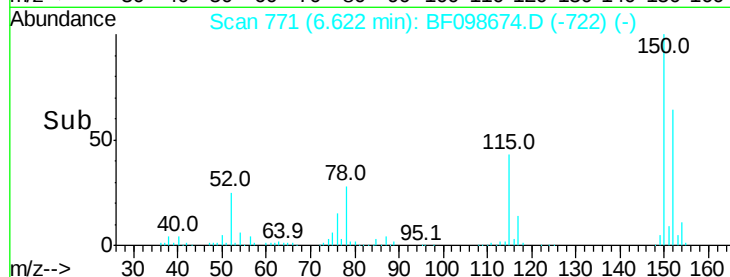
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF098674.D
Acq: 20 Sep 2017 21:48

Instrument :
BNA_F
ClientSampleId :
OILY-STONE

Tot Ion:152 Resp: 91789
Ion Ratio Lower Upper
152 100
150 157.2 126.2 189.2
115 67.0 52.2 78.2



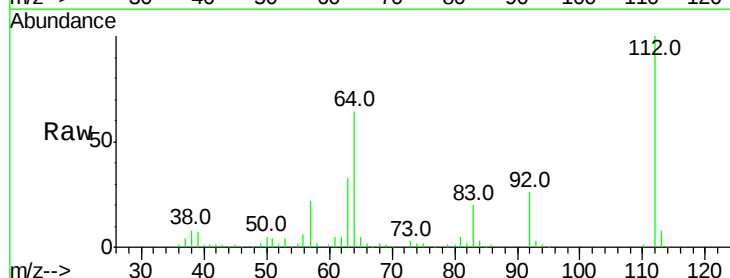
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



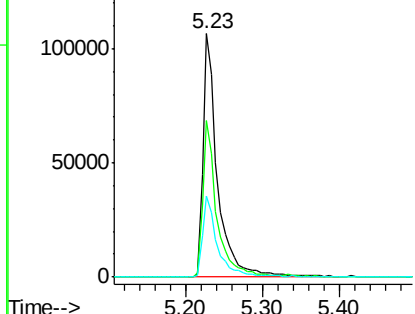
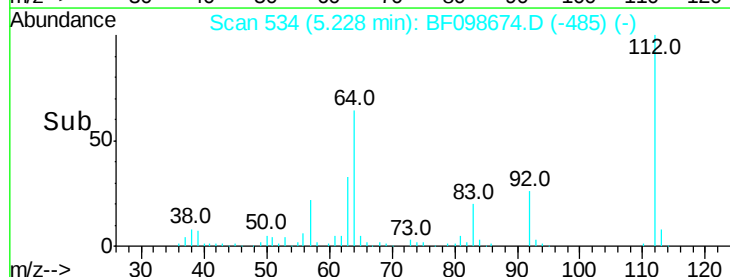
#5

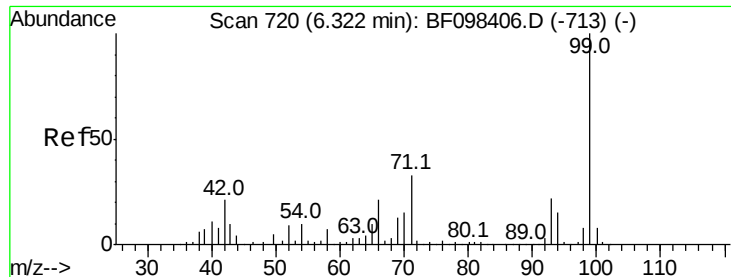
2-Fluorophenol
Concen: 22.580 ng
RT: 5.23 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF098674.D
Acq: 20 Sep 2017 21:48

Tgt Ion:112 Resp: 140180
Ion Ratio Lower Upper
112 100
64 64.4 46.0 69.0
63 33.4 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 22.824 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF098674.D

Acq: 20 Sep 2017 21:48

Instrument :

BNA_F

ClientSampleId :

OILY-STONE

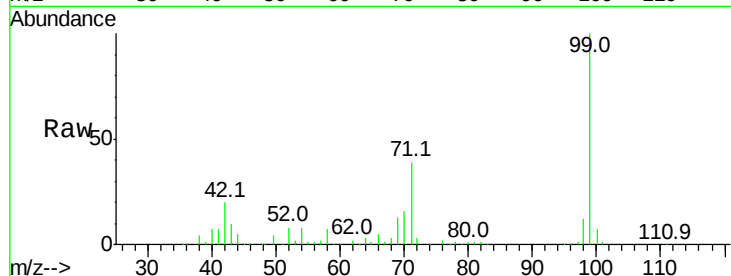
Tot Ion: 99 Resp: 179902

Ion Ratio Lower Upper

99 100

42 20.0 13.5 20.3

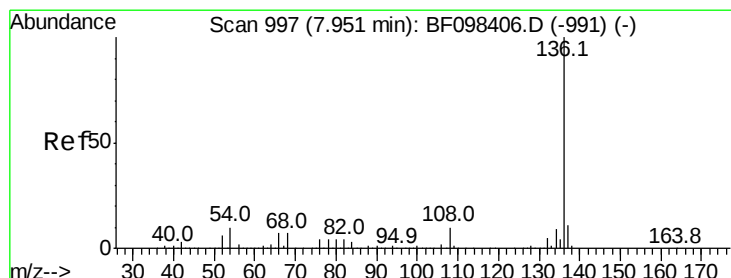
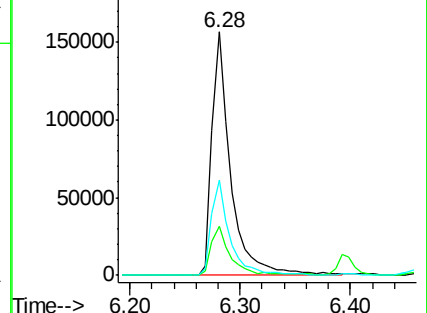
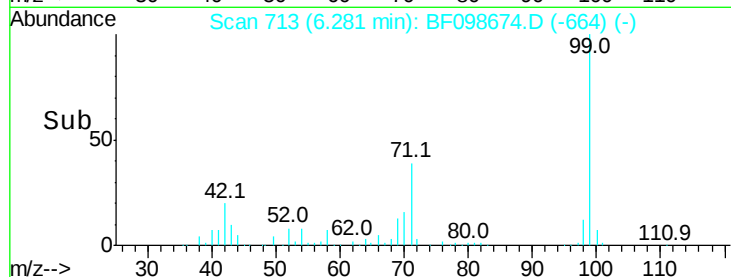
71 39.1 24.5 36.7#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF098674.D

Acq: 20 Sep 2017 21:48

Tgt Ion:136 Resp: 379019

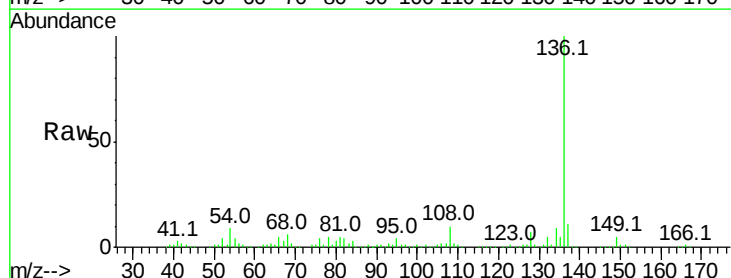
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 8.8 4.9 7.3#

68 5.9 4.1 6.1

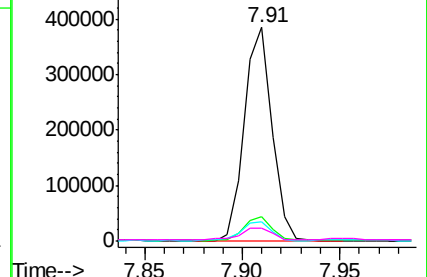
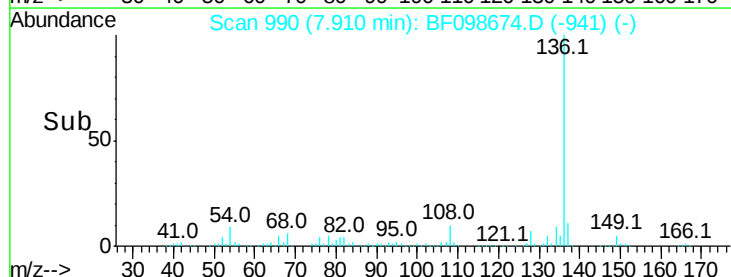


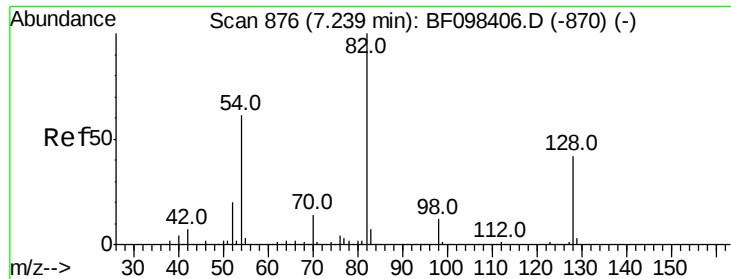
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 17.021 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.02 min

Lab File: BF098674.D

Acq: 20 Sep 2017 21:48

Instrument :

BNA_F

ClientSampleId :

OILY-STONE

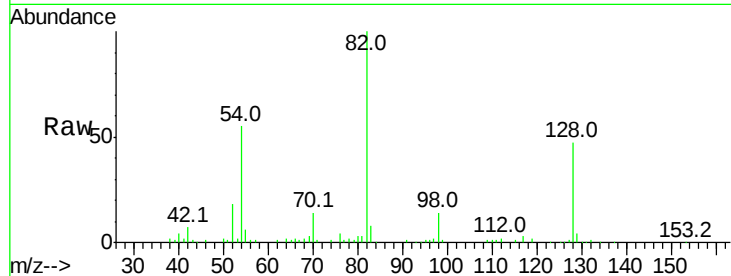
Tot Ion: 82 Resp: 115722

Ion Ratio Lower Upper

82 100

128 47.0 34.0 51.0

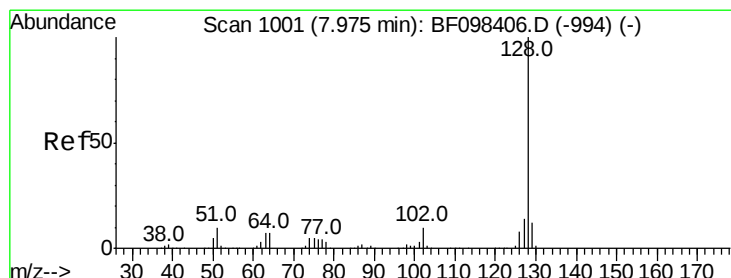
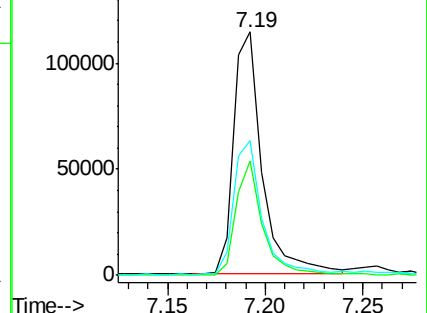
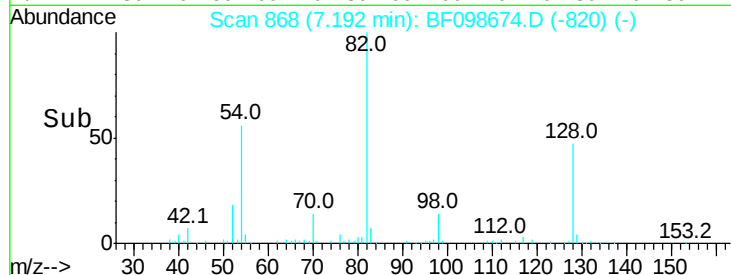
54 55.5 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#31

Naphthalene

Concen: 160.779 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF098674.D

Acq: 20 Sep 2017 21:48

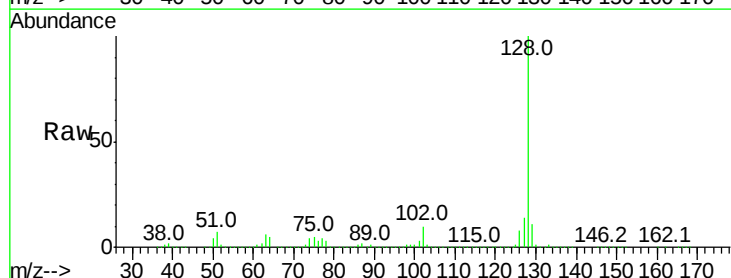
Tgt Ion:128 Resp: 3012517

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

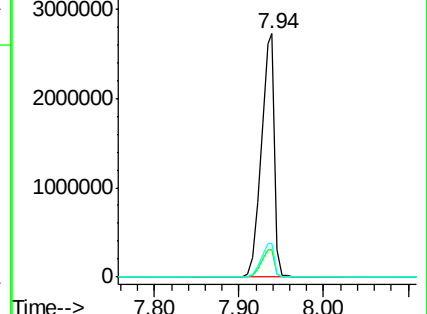
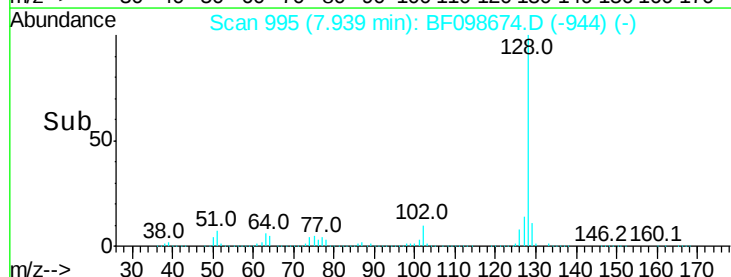
127 14.0 10.8 16.2

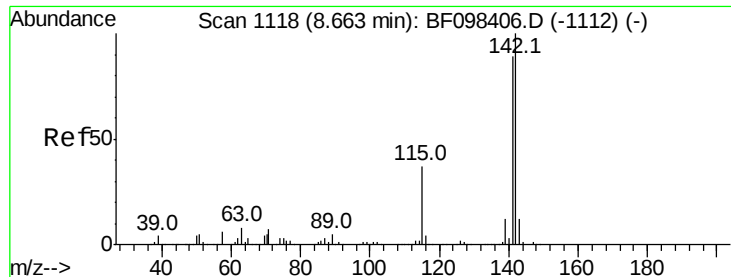


Abundance Ion 128.00 (127.70 to 128.70): B

Ion 129.00 (128.70 to 129.70): B

Ion 127.00 (126.70 to 127.70): B

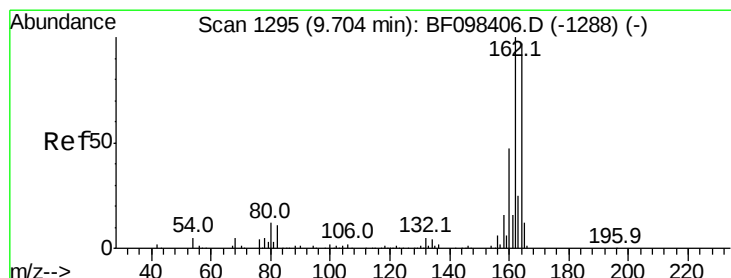
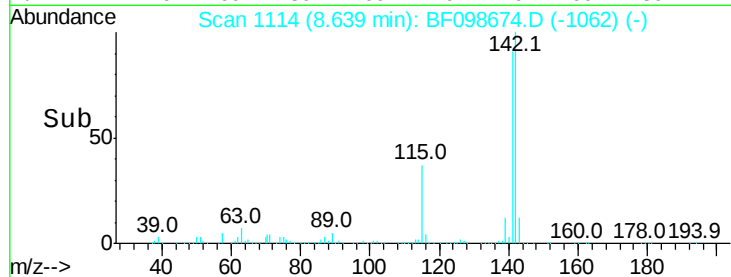
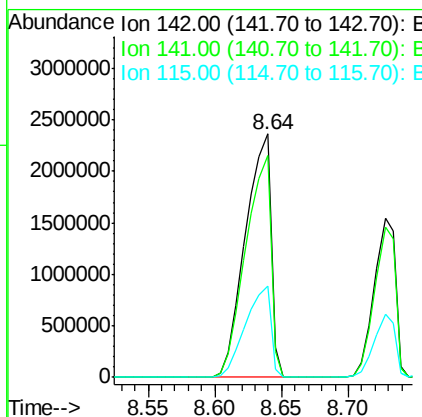
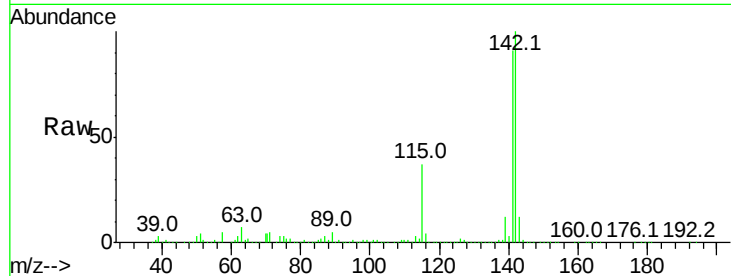




#37
2-Methylnaphthalene
Concen: 275.747 ng
RT: 8.64 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF098674.D
Acq: 20 Sep 2017 21:48

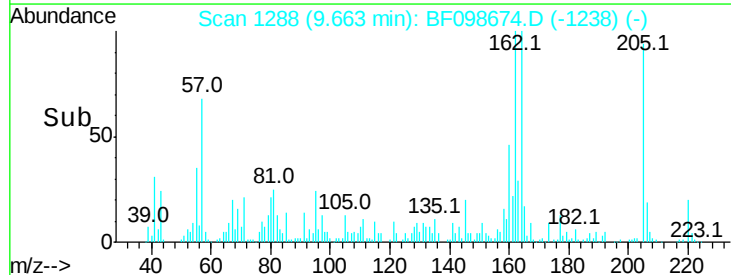
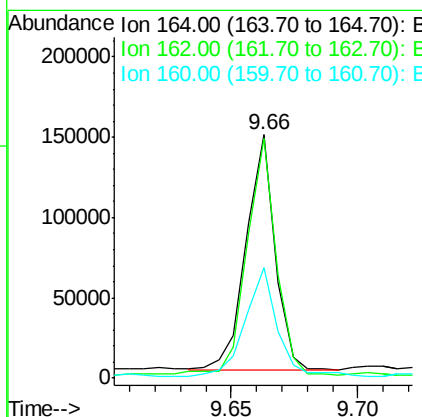
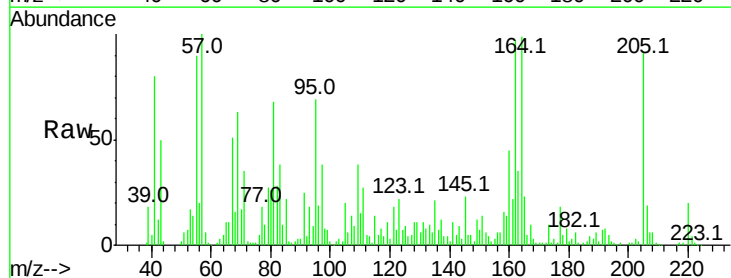
Instrument :
BNA_F
ClientSampleId :
OILY-STONE

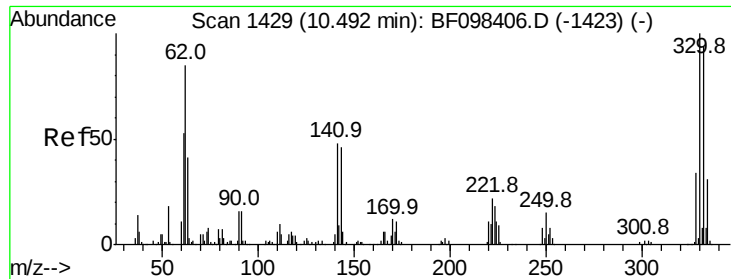
Tot Ion:142 Resp: 3129635
Ion Ratio Lower Upper
142 100
141 91.1 71.3 106.9
115 37.5 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF098674.D
Acq: 20 Sep 2017 21:48

Tgt Ion:164 Resp: 116700
Ion Ratio Lower Upper
164 100
162 98.4 82.6 123.8
160 45.3 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 26.637 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.00 min

Lab File: BF098674.D

Acq: 20 Sep 2017 21:48

Instrument :

BNA_F

ClientSampleId :

OILY-STONE

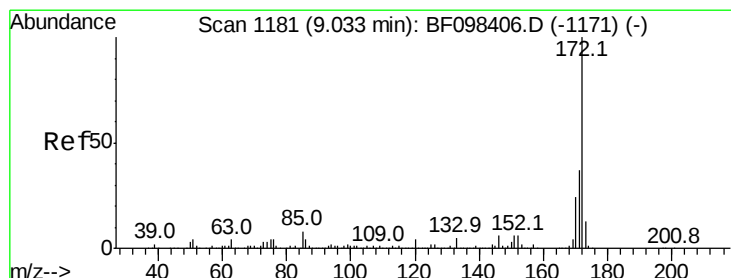
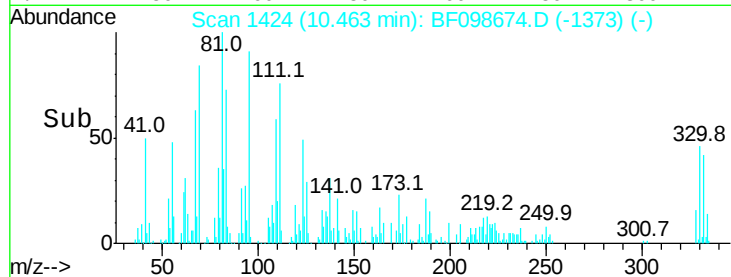
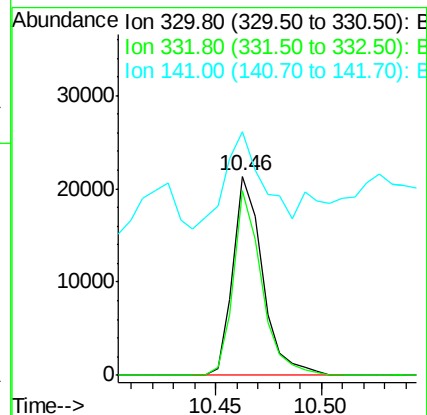
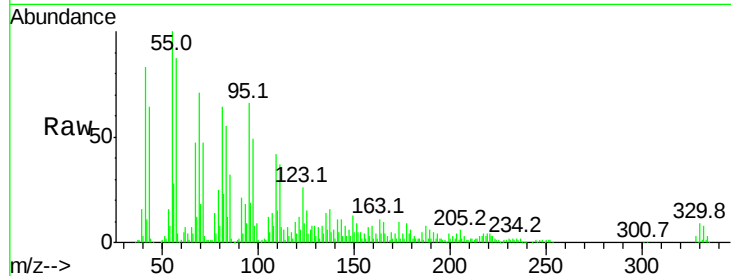
Tot Ion:330 Resp: 20747

Ion Ratio Lower Upper

330 100

332 88.0 76.6 115.0

141 62.6 31.4 47.2#



#44

2-Fluorobiphenyl

Concen: 27.841 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF098674.D

Acq: 20 Sep 2017 21:48

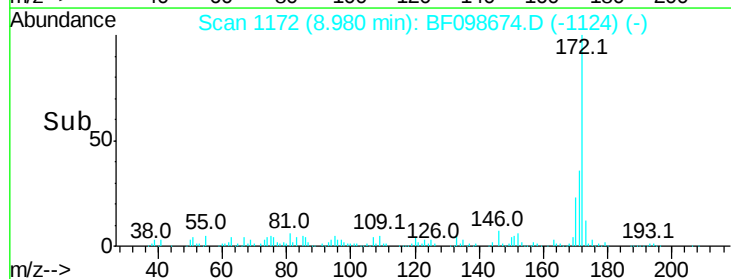
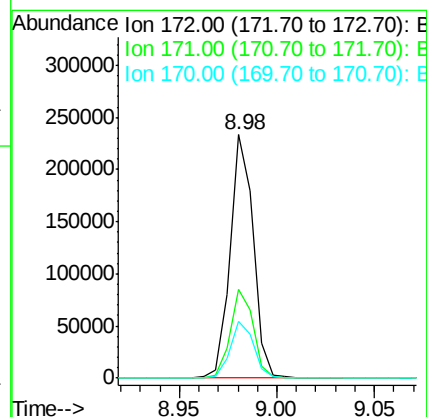
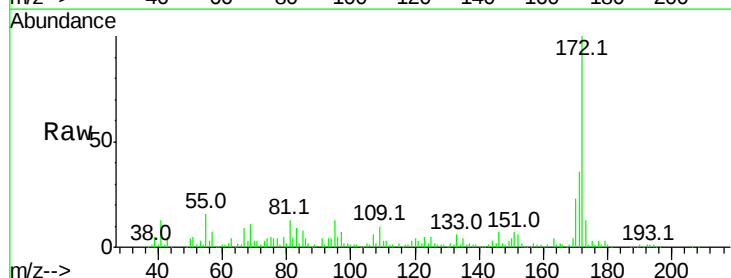
Tgt Ion:172 Resp: 191690

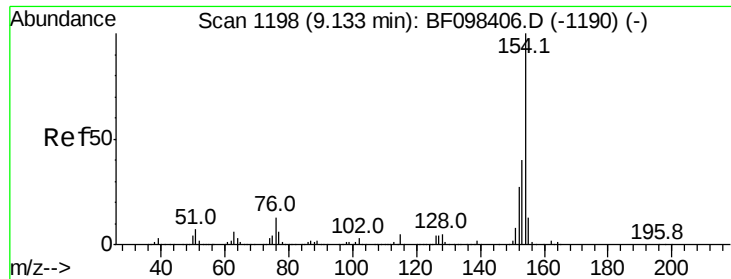
Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

170 23.2 19.8 29.8





#45

1,1'-Biphenyl

Concen: 8.715 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF098674.D

Acq: 20 Sep 2017 21:48

Instrument :

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OILY-STONE

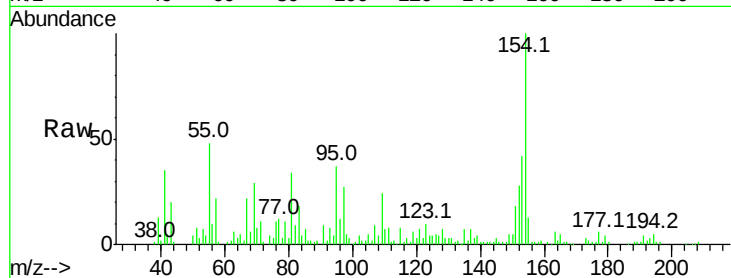
Tot Ion:154 Resp: 91032

Ion Ratio Lower Upper

154 100

153 41.5 21.2 61.2

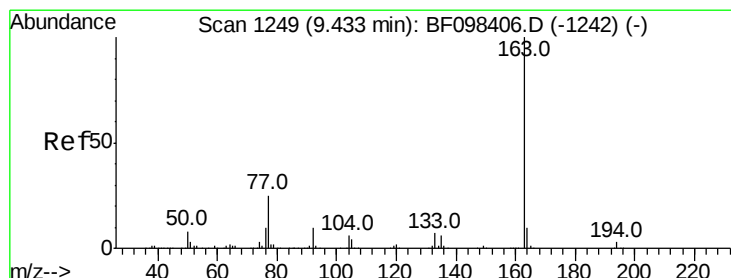
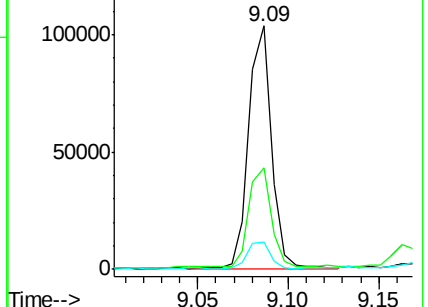
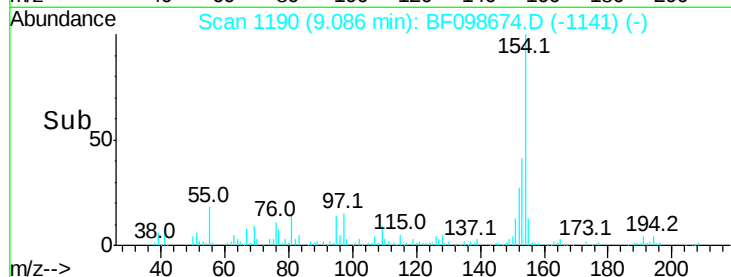
76 11.2 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#49

Dimethylphthalate

Concen: 3.871 ng

RT: 9.39 min Scan# 1241

Delta R.T. -0.02 min

Lab File: BF098674.D

Acq: 20 Sep 2017 21:48

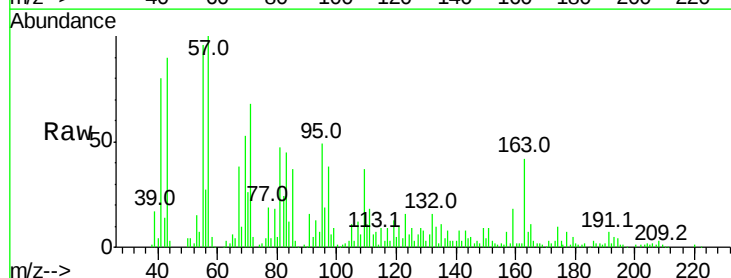
Tgt Ion:163 Resp: 34970

Ion Ratio Lower Upper

163 100

194 8.9 2.6 4.0#

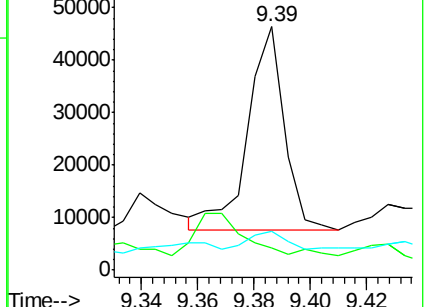
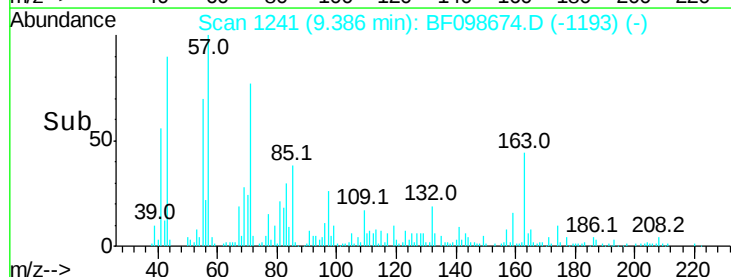
164 15.8 8.4 12.6#

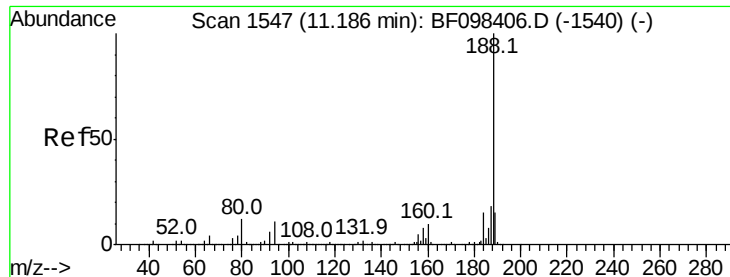


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.17 min Scan# 1544

Delta R.T. 0.02 min

Lab File: BF098674.D

Acq: 20 Sep 2017 21:48

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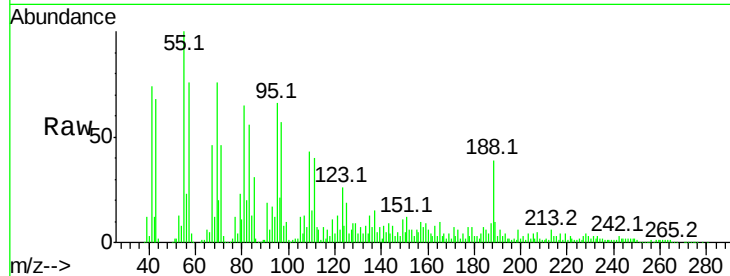
Tot Ion:188 Resp: 140169

Ion Ratio Lower Upper

188 100

94 30.4 9.4 14.2#

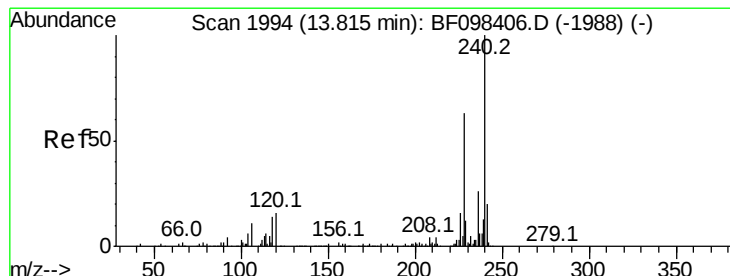
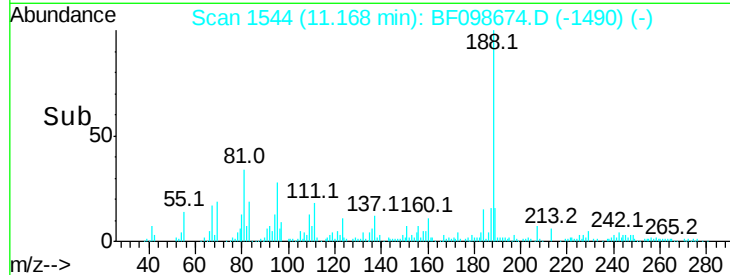
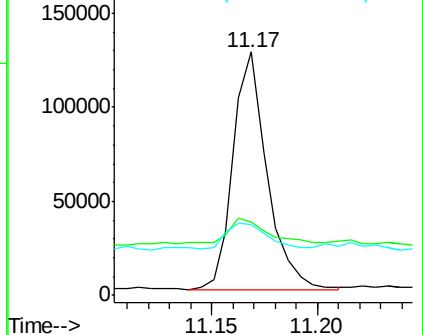
80 29.1 10.2 15.2#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BF098674.D

Acq: 20 Sep 2017 21:48

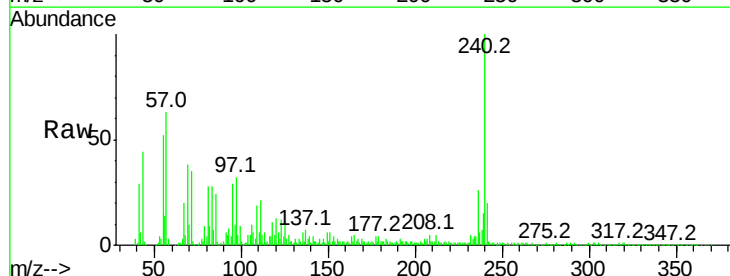
Tgt Ion:240 Resp: 171202

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

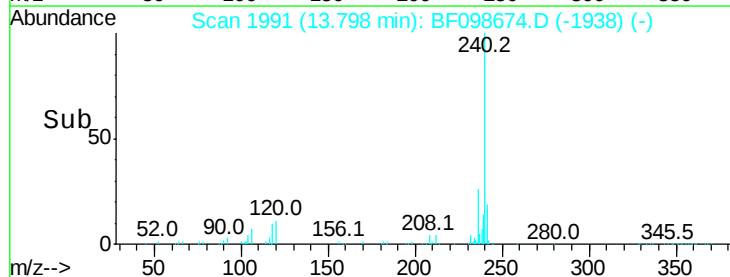
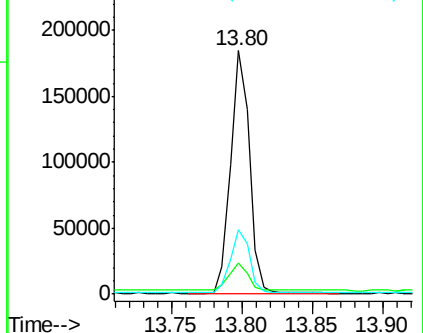
236 26.5 20.5 30.7

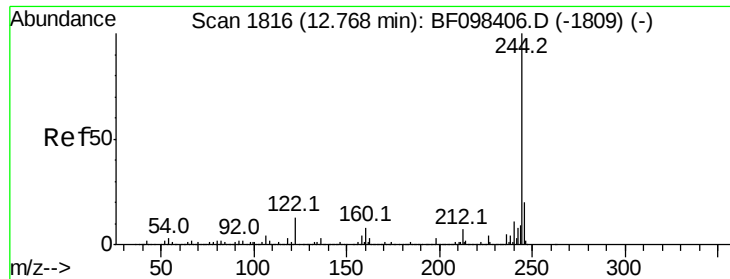


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 15.009 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.02 min

Lab File: BF098674.D

Acq: 20 Sep 2017 21:48

Instrument :

BNA_F

ClientSampleId :

OILY-STONE

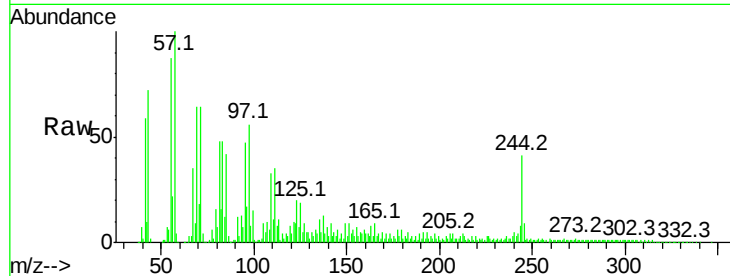
Tot Ion:244 Resp: 119047

Ion Ratio Lower Upper

244 100

212 9.5 6.0 9.0#

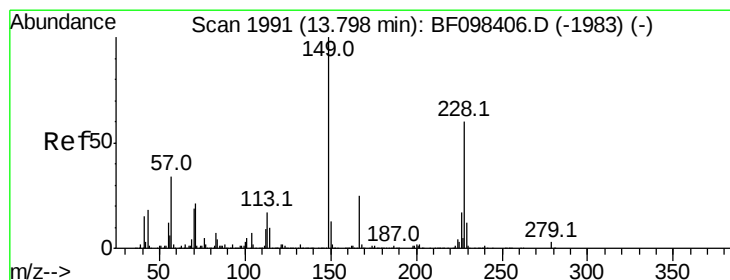
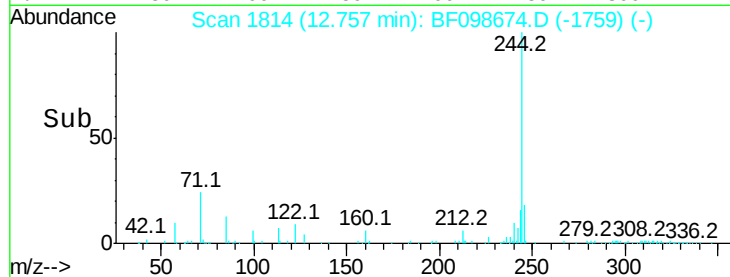
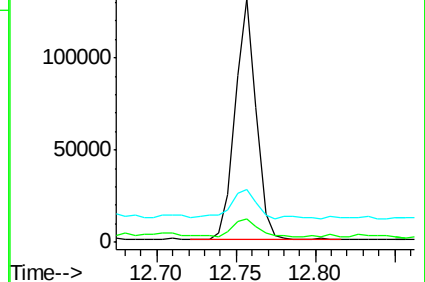
122 21.5 10.3 15.5#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 5.360 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BF098674.D

Acq: 20 Sep 2017 21:48

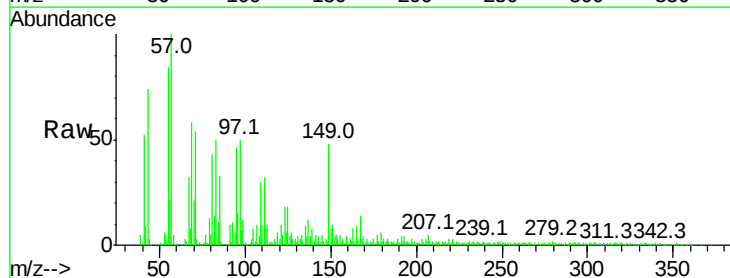
Tgt Ion:149 Resp: 39416

Ion Ratio Lower Upper

149 100

167 29.8 21.0 31.4

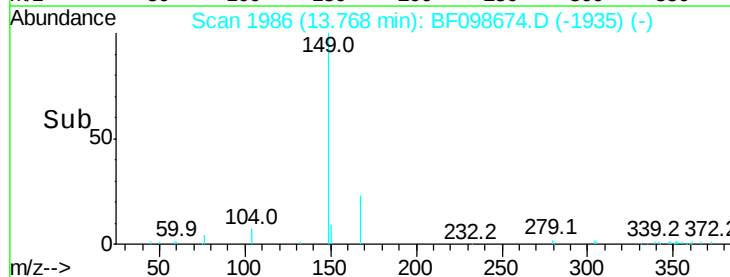
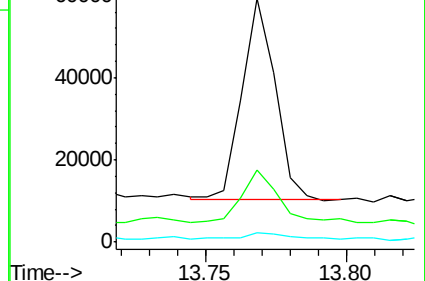
279 3.8 1.9 2.9#

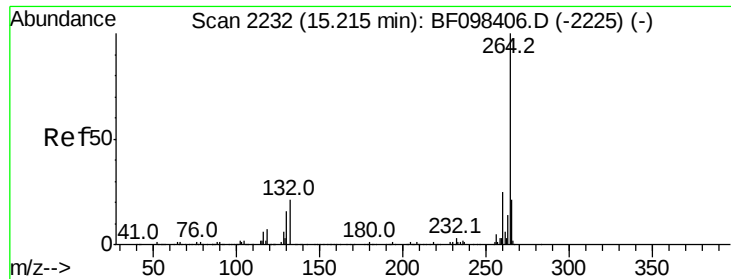


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

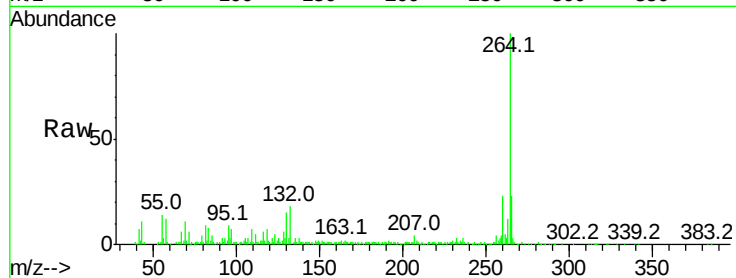




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.18 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: BF098674.D
 Acq: 20 Sep 2017 21:48

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	22.7	17.2	25.8



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

